START

0040446

Bechtel Hanford, Inc.

TRANSMITTAL FOR CONTROLLED PROCEDURES

BHI PROJECT FILE (EDMC)
18
H6-08

Transmittal No.	Date
TR-OP-36	01-12-95

Document No./Title of Manual
BHI-OP-00004

The procedure(s) listed below are being issued by BHI Procedures Coordination as new or revised procedures.

PROCEDURE NO.	REV. NO.	TITLE
Revision Order C to BHI-OP-00004	2	200-BP-5 Unit #2 Pilot Scale Groundwater Treatment System Operating Procedures
		NOTE: This revision order does not supersede Rev. 2 of this
		procedure . It should be added to your controlled copy of
		BHI-OP-00004, Rev. 2.

Receipt Acknowledgment

I acknowledge receipt of the procedure(s) listed above. These procedures have been appropriately inserted and the superseded material removed and disposed of.

Signature: Jo Ann Riley Date: 1-20-95

New address if different than listed above _____

PLEASE RETURN THIS SIGNED TRANSMITTAL WITHIN TEN WORKING DAYS TO

BHI Procedures Coordination/Natalie Maiuri
372-9555
H4-79

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BHI-DC-001 (8/94)

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REVISION ORDER

DOCUMENT TO BE CHANGED:	BHI-OP-00004	2	1/12/95	C
	Document Type/No.	Rev. No.	Date	Rev. Order ID (Assigned by DCC)

Change Type: [X] General [ ] Site Spec., Site No. __ [ ] Exception [ ] Revision

Approval of this revision shall alter the document identified above for:

[ ] Sites [X] the project as detailed below in Section 2.

Initiated by: AL Huegel (Name) 1/12/95 (Date) Revision Required by: 1/13/95 (Date)

Reason for change: Revise section to reflect electrical upgrades.

DESCRIPTION OF CHANGE:

Section	Description
2.1	Replace section 2.1 with the attached text.

REVIEWED: Project Quality Assurance ~~Manager~~ 1/12/95 Date

CONCUR: Functional/Area/Project Manager 1/12/95 Date

BHI-PC Jan 1-12-95

2.1 Electrical Power

2.1.1 Verify that the disconnect switches on the generator, disconnect DP-2, disconnect Main MCC, the main control panel disconnect, and the main control panel transformer disconnect are off and that the electrical connectors are properly connected. During cold weather activities, the generator, the generator disconnect, and the disconnect for DP-2 will be left on to allow heat tracing to heat the piping.

2.1.2 Before starting operation, start the generator, or if permanent power is available go to the next step. The generator may be left on 24 hours a day during cold weather activities. If the generator is on, go to the next step.

2.1.3 If generator is not running and prior to start of operations, verify that the 480 VAC power control switches to equipment (pumps, etc.) are in the "Off" position. Verify that the breakers in panel DP-2 are in the proper position prior to energizing any switches. If the generator is running, verify that control switches are in the appropriate positions for the equipment that is operating.

2.1.4 Energize power to the control panel by actuating the main disconnect switches (on generator, disconnects DP-2 and Main-MCC, main control panel, and main control panel transformer) and the control power switch(es) to equipment to be started.

2.1.5 Energize power to 110 VAC system for level controls and PLC.

2.1.6 Reset MBV control switches at the influent skid.

2.1.7 Table 2.1 is provided to document these steps.

Table 2.1. Electrical Power Startup Checklist.

DATE:_____

OPERATOR:_____

Electrical Power Checklist		Verified/Date
1)	Verify that the disconnect switches on the generator,disconnect DP-2, disconnect Main MCC, the main control panel disconnect, and the main control panel transformer disconnect are off and that the electrical connectors are properly connected. Disconnect on the generator, and disconnect DP-2 may be left on 24 hours during cold weather.	
2)	If generator is not running and prior to start of operations, verify that the 480 VAC power control switches to equipment (pumps, etc.) are in the "Off" position. Verify that the breakers in panel DP-2 are in the proper position prior to energizing any switches. If the generator is running, verify that control switches are in the appropriate positions for the equipment that is operating. Before starting operation, start the generator.	
3)	Energize power to the control panel by actuating the main disconnect switches (on generator, disconnects DP-2 and Main-MCC, main control panel, and main control panel transformer) and the control power switch(es) to equipment to be started. Disconnects on generator and DP-2 may be left on 24 hours during cold weather.	
4)	Energize power to 110 volt system for level controls and PLC.	
5)	Reset MBV control switches at the influent skid.	